

Fig. 2

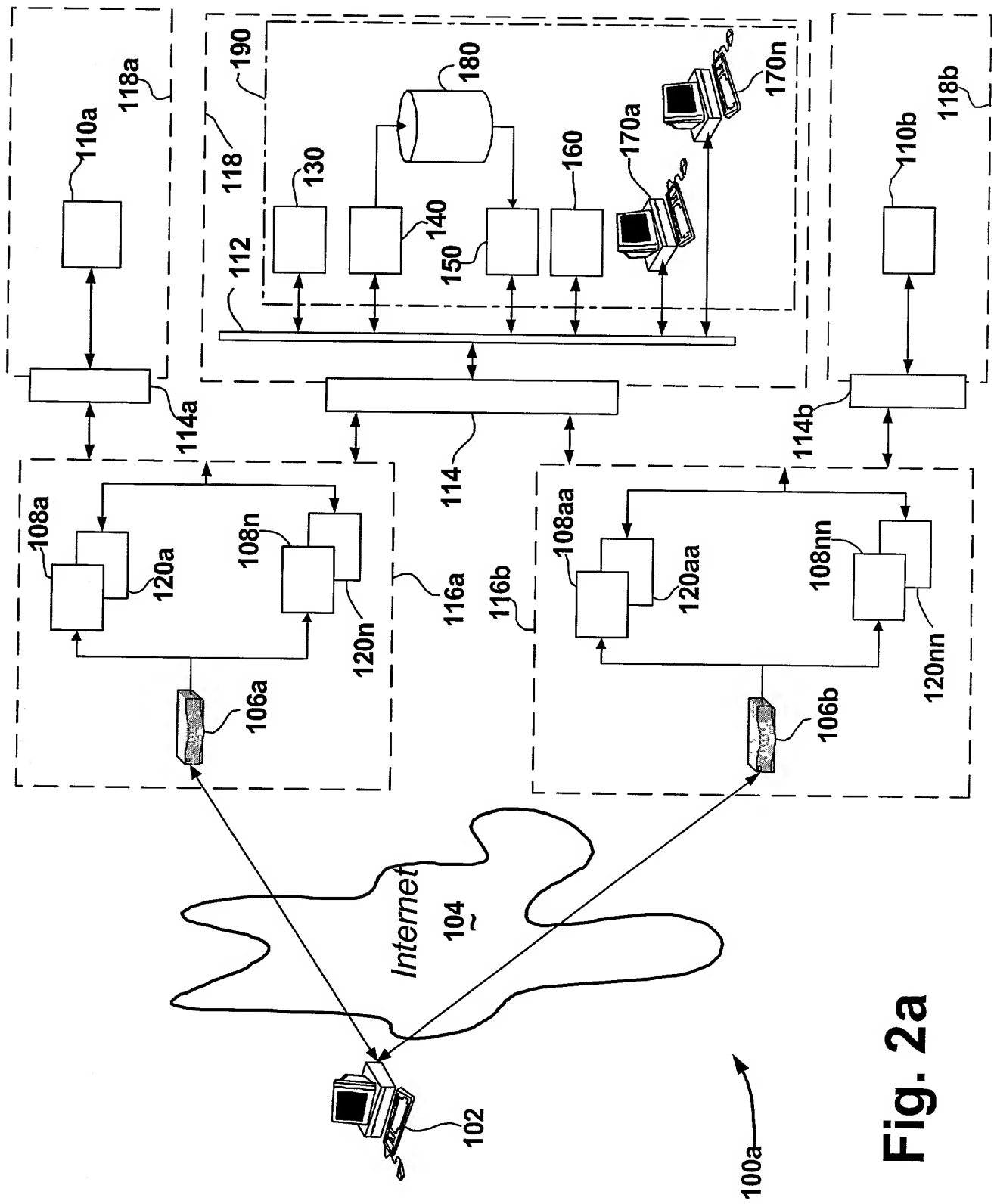


Fig. 2a

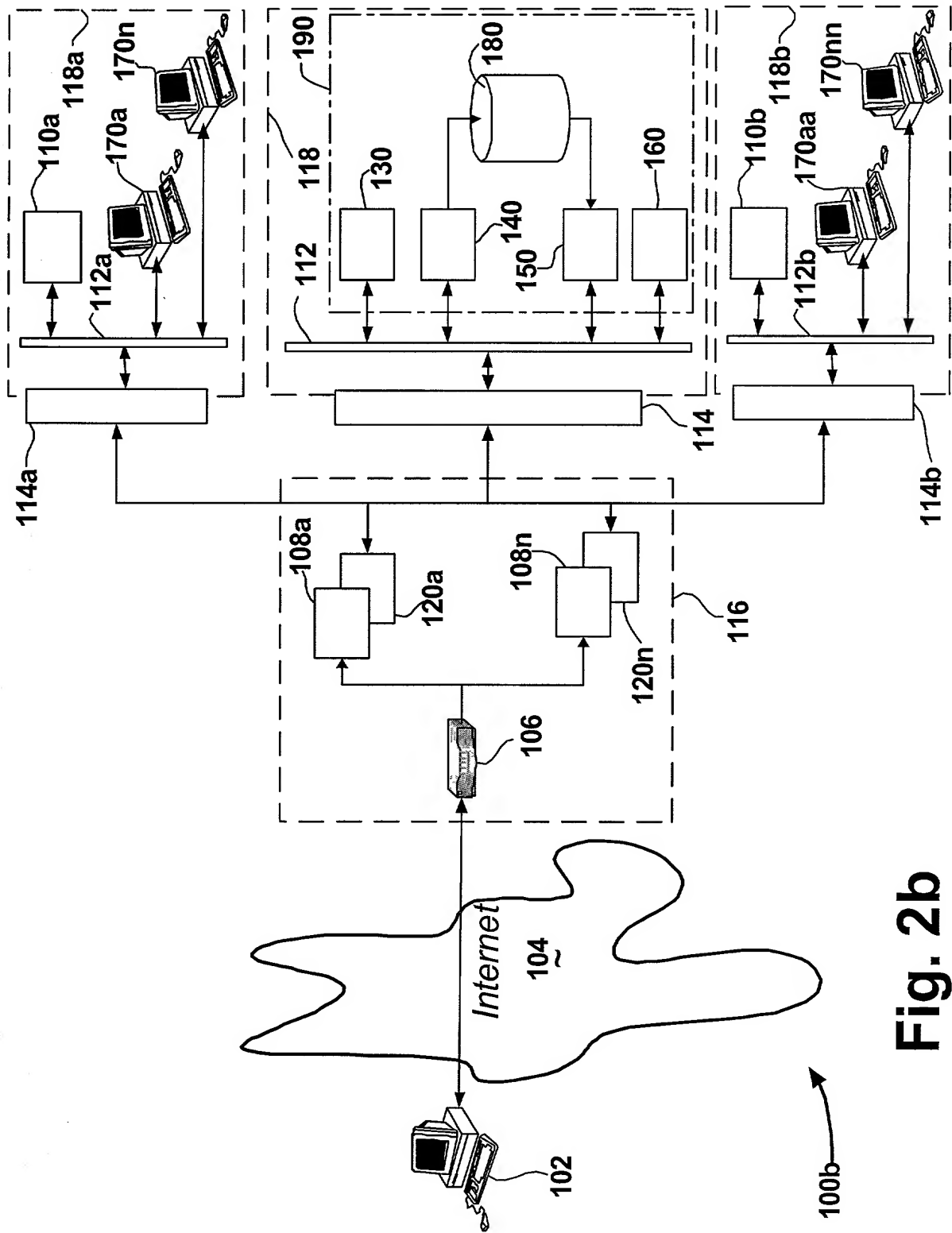
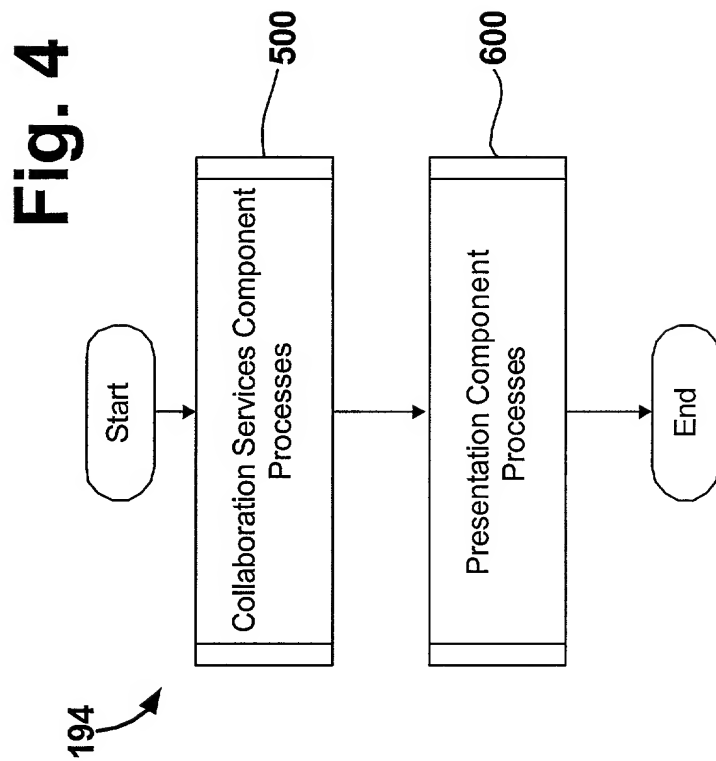
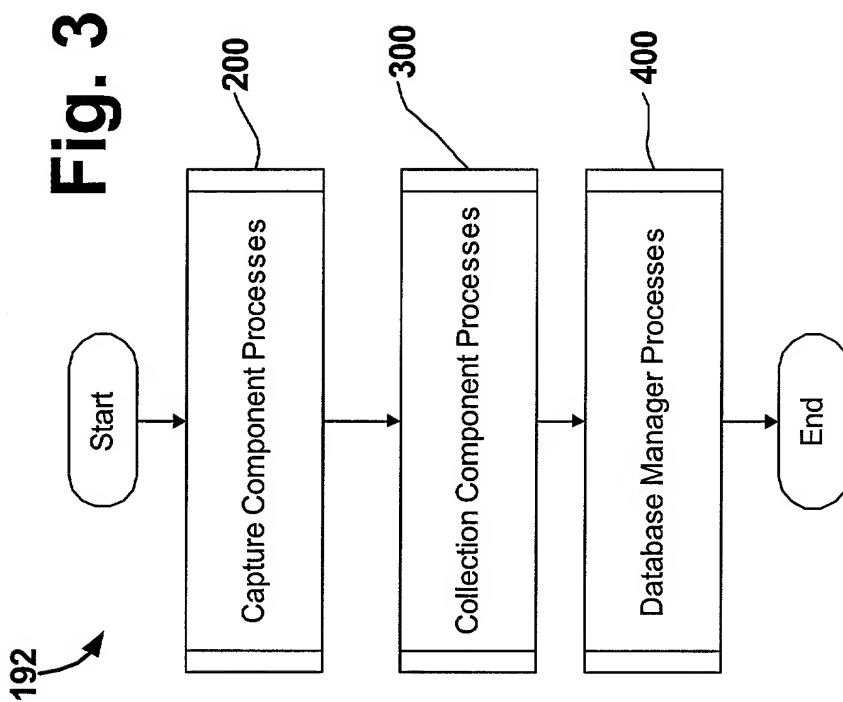


Fig. 2b



200

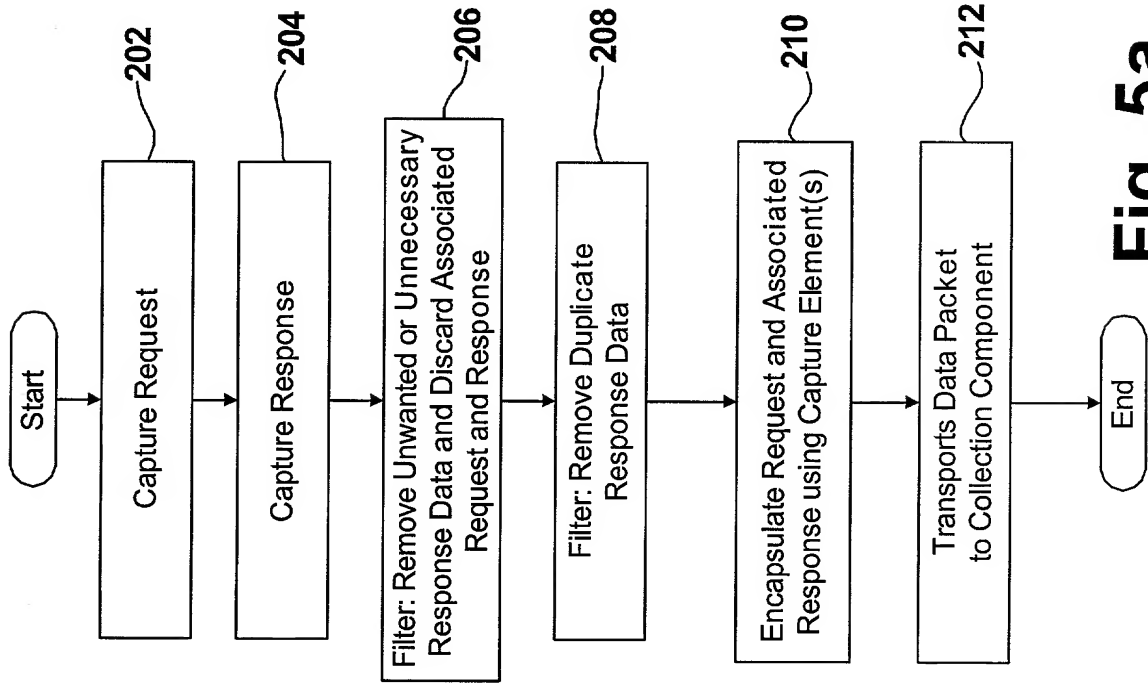


Fig. 5a

300

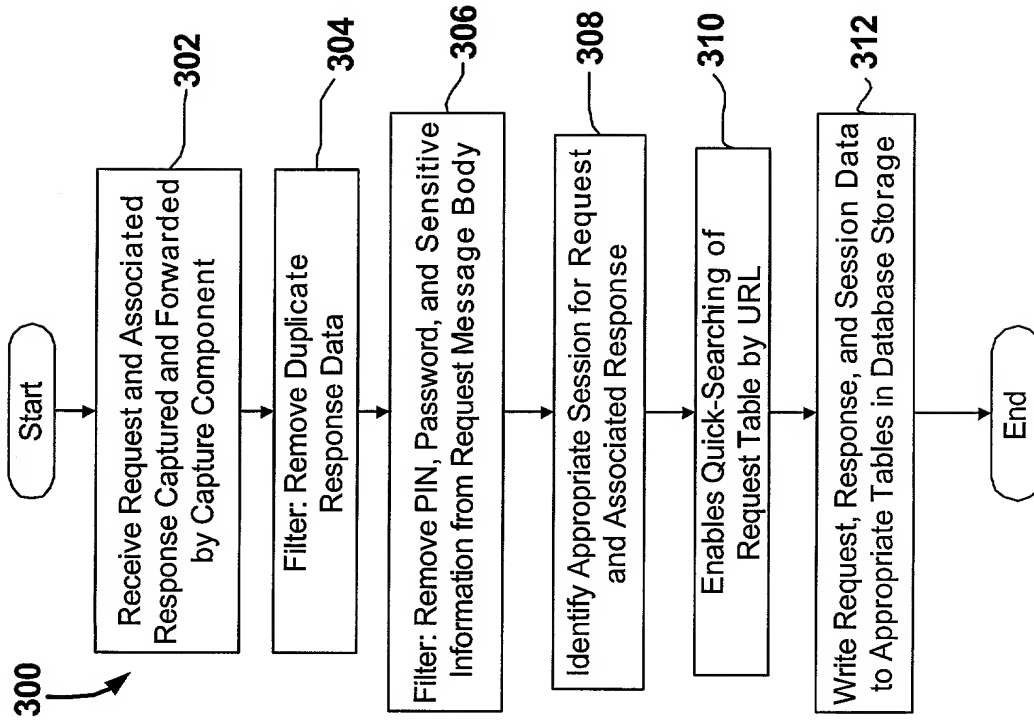


Fig. 5b

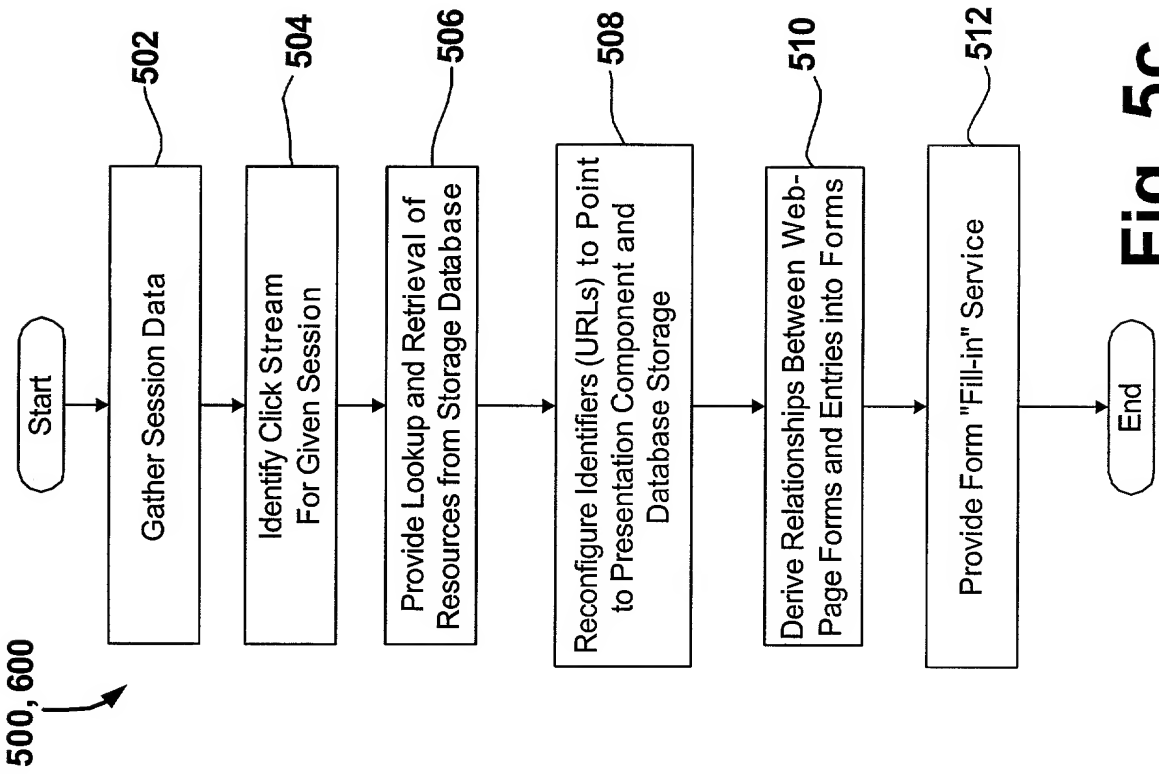


Fig. 5c

202, 210

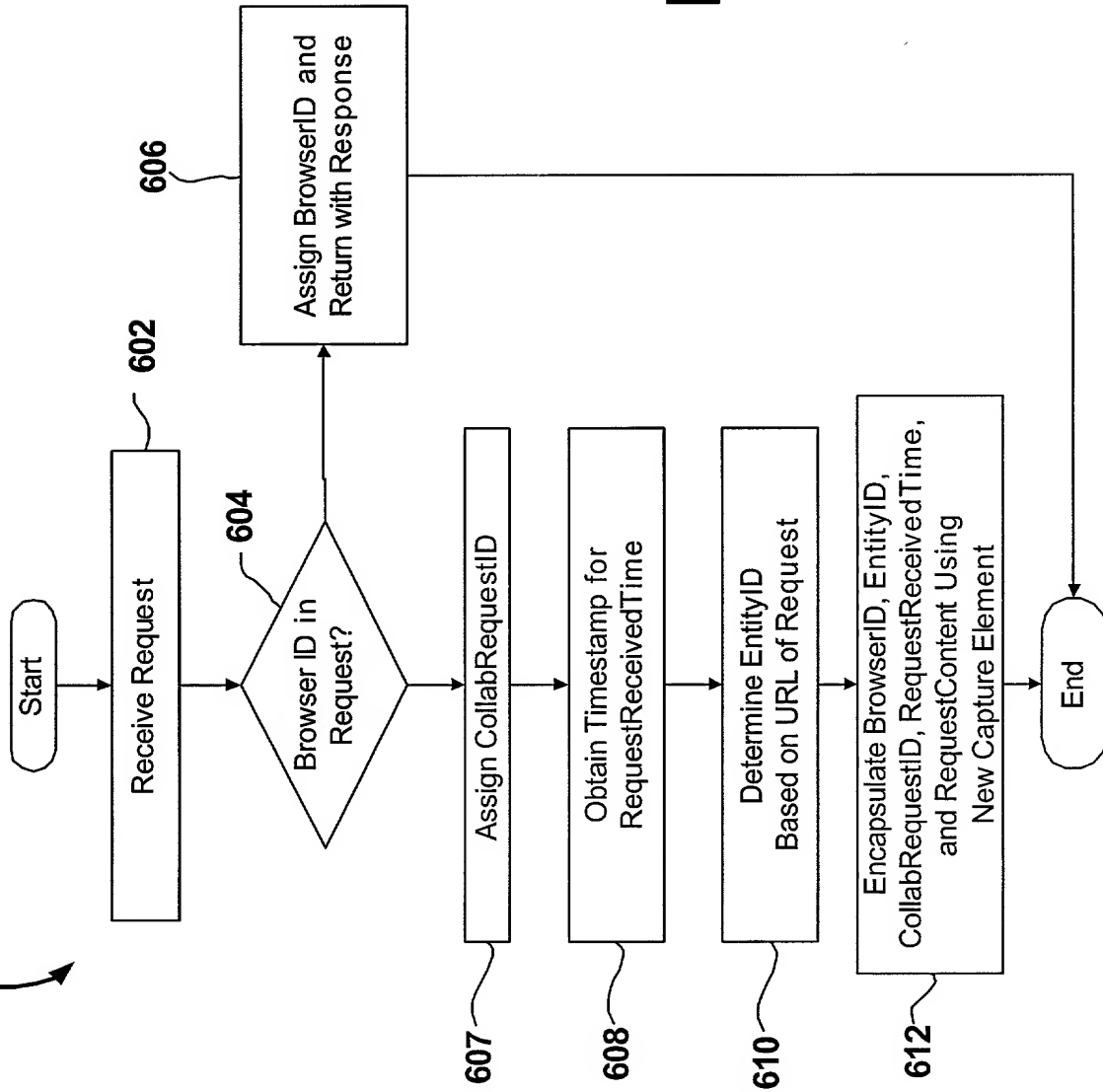
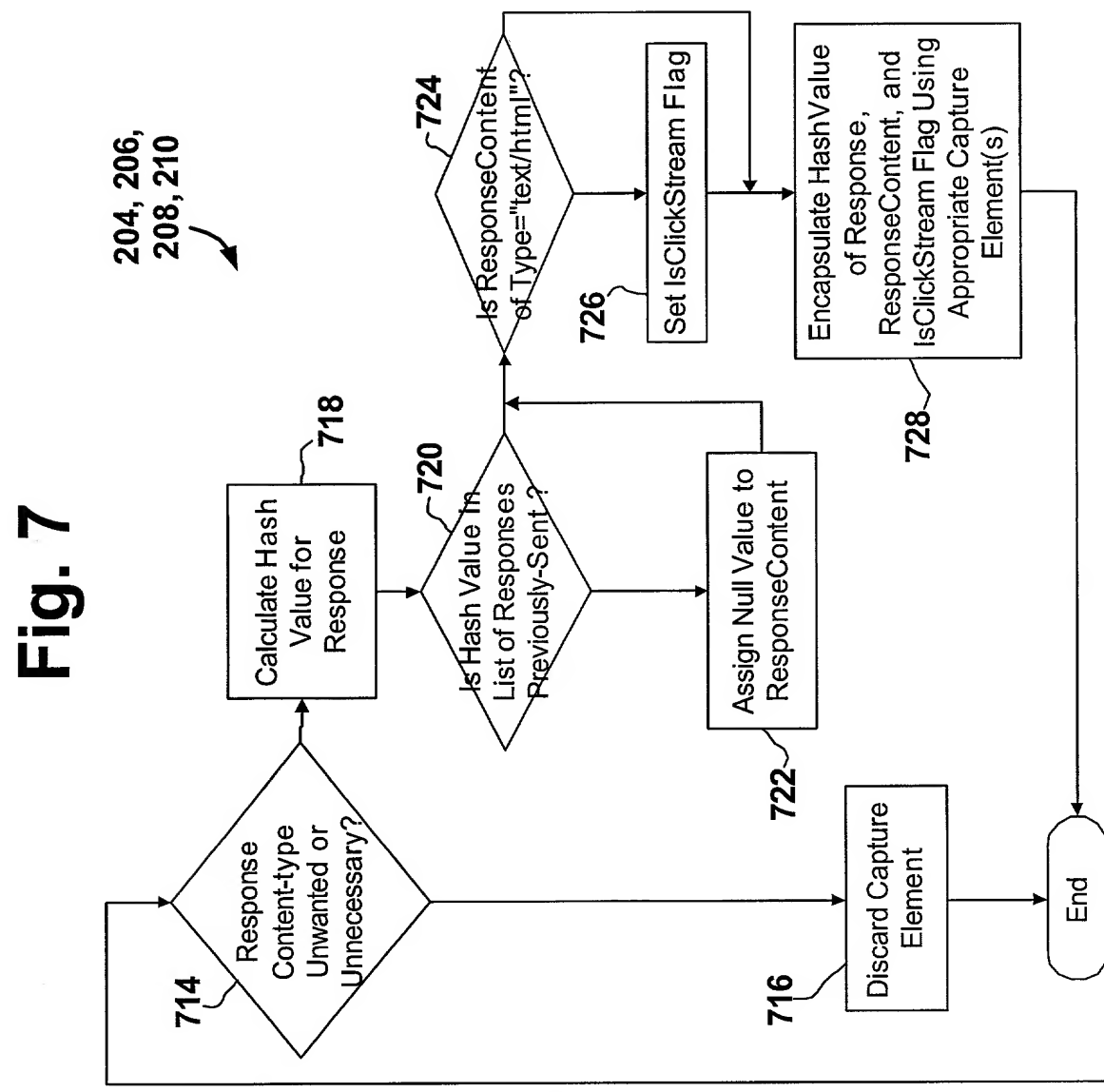
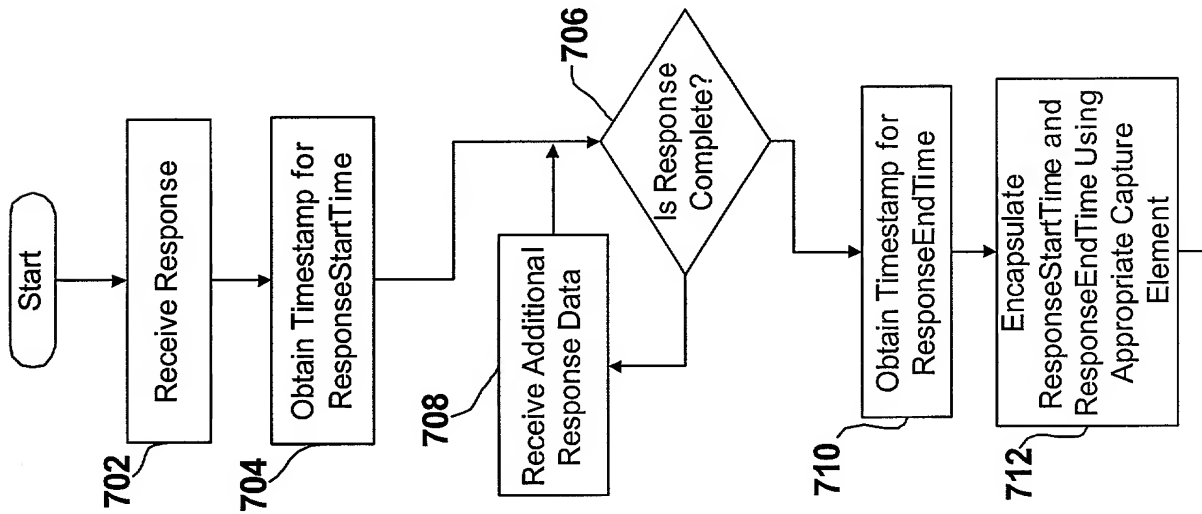


Fig. 6



Capture Element (Request/Response Pair) (800a)

802	803	804	805	806	808	810	812	814	816
Browser ID	Entity ID	CollabRequestID	RequestReceivedTime	Request Content	ResponseStartTime	ResponseEndTime	Hash Value of Response	Response Content	Is Click Stream (flag)

Fig. 8a

Capture Element (Request only) (800b)

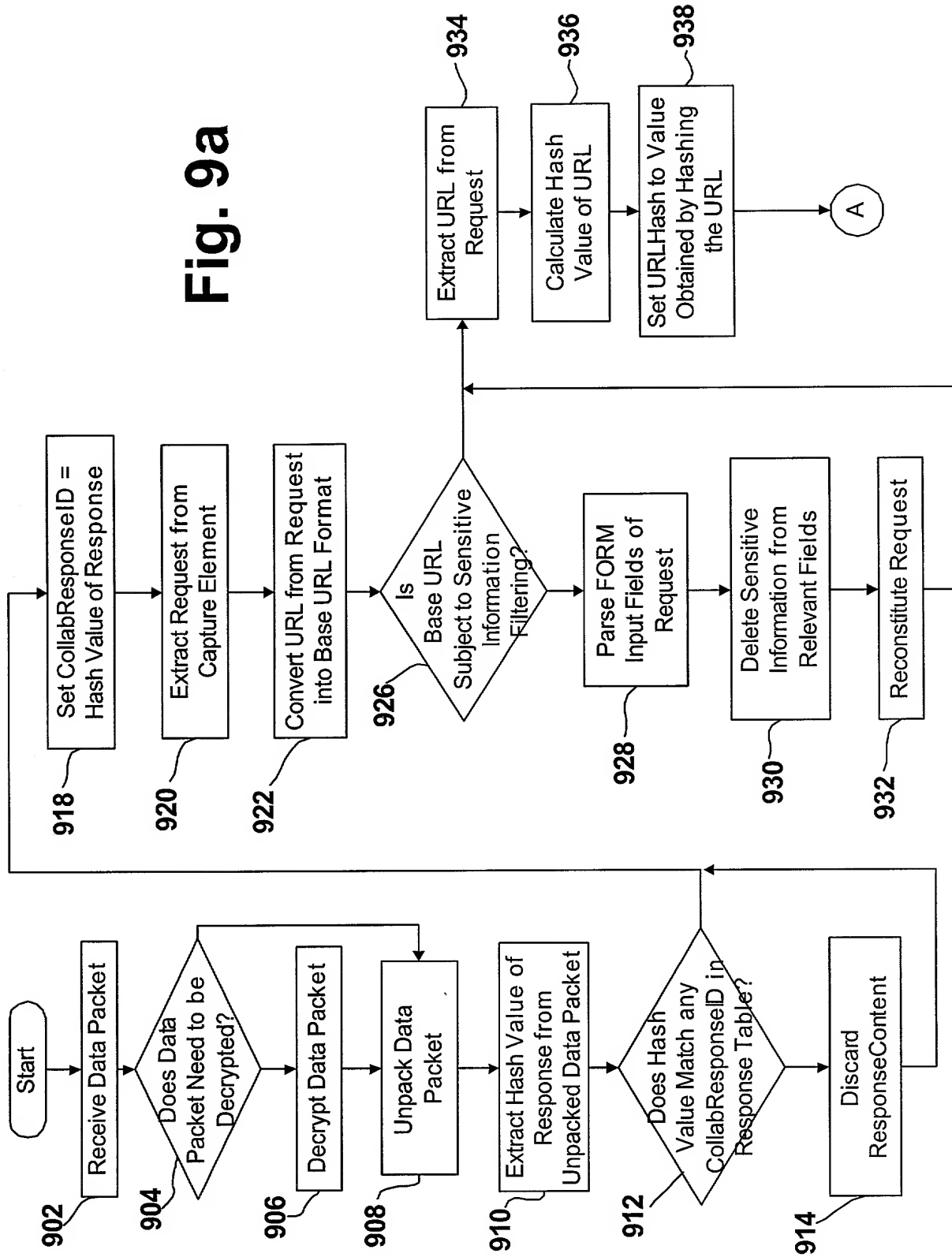
802	803	804	805	806	808	810	812	816
BrowserID	EntityID	CollabRequestID	RequestReceivedTime	Request Content	ResponseStartTime	ResponseEndTime	Hash Value of Response	Is Click Stream (flag)

Fig. 8b

Capture Element (Response only) (800c)

812	814
Hash Value of Response	ResponseContent

Fig. 8c



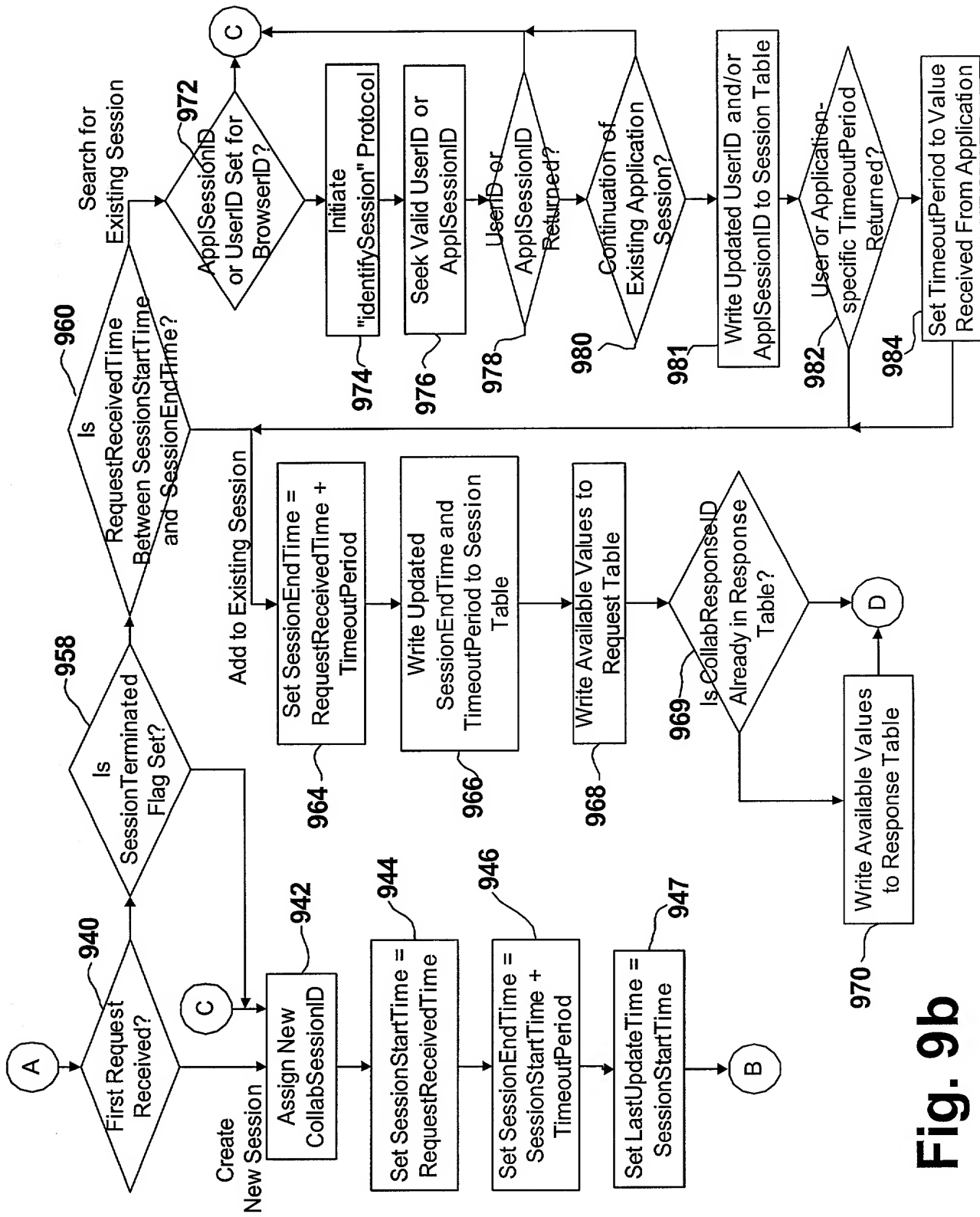
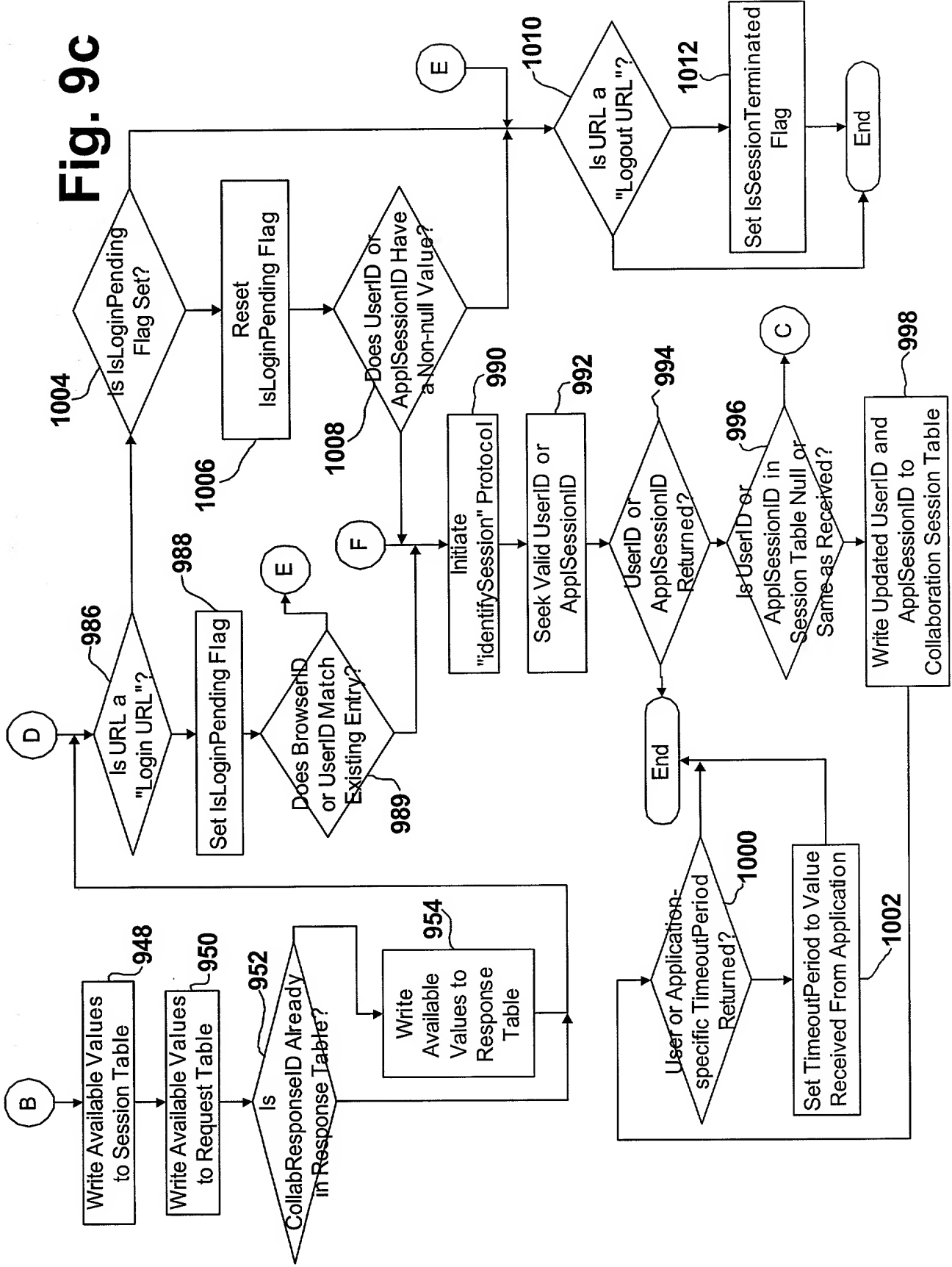


Fig. 9b

Fig. 9c



Session Table (1052)

Record #	1	2	3	4	...	x
CollabSessionID						
BrowserID						
UserID						
ApplSessionID						
EntityID						
SessionStartTime						
SessionEndTime						
LastUpdateTime						
TimeoutPeriod						
IsLoginPending (flag)						
IsSessionTerminated (flag)						

Fig. 10a

Request Table (1054)

Record #	1	2	3	4	...	y
CollabSessionID						
CollabRequestID						
RequestContent						
RequestReceivedTime						
URLHash						
CollabResponseID						
ResponseStartTime						
ResponseEndTime						
IsClickStream (flag)						

Fig. 10b

Response Table (1056)

Record #	1	2	3	4	...	z
CollabResponseID						
ResponseContent						

Fig. 10c

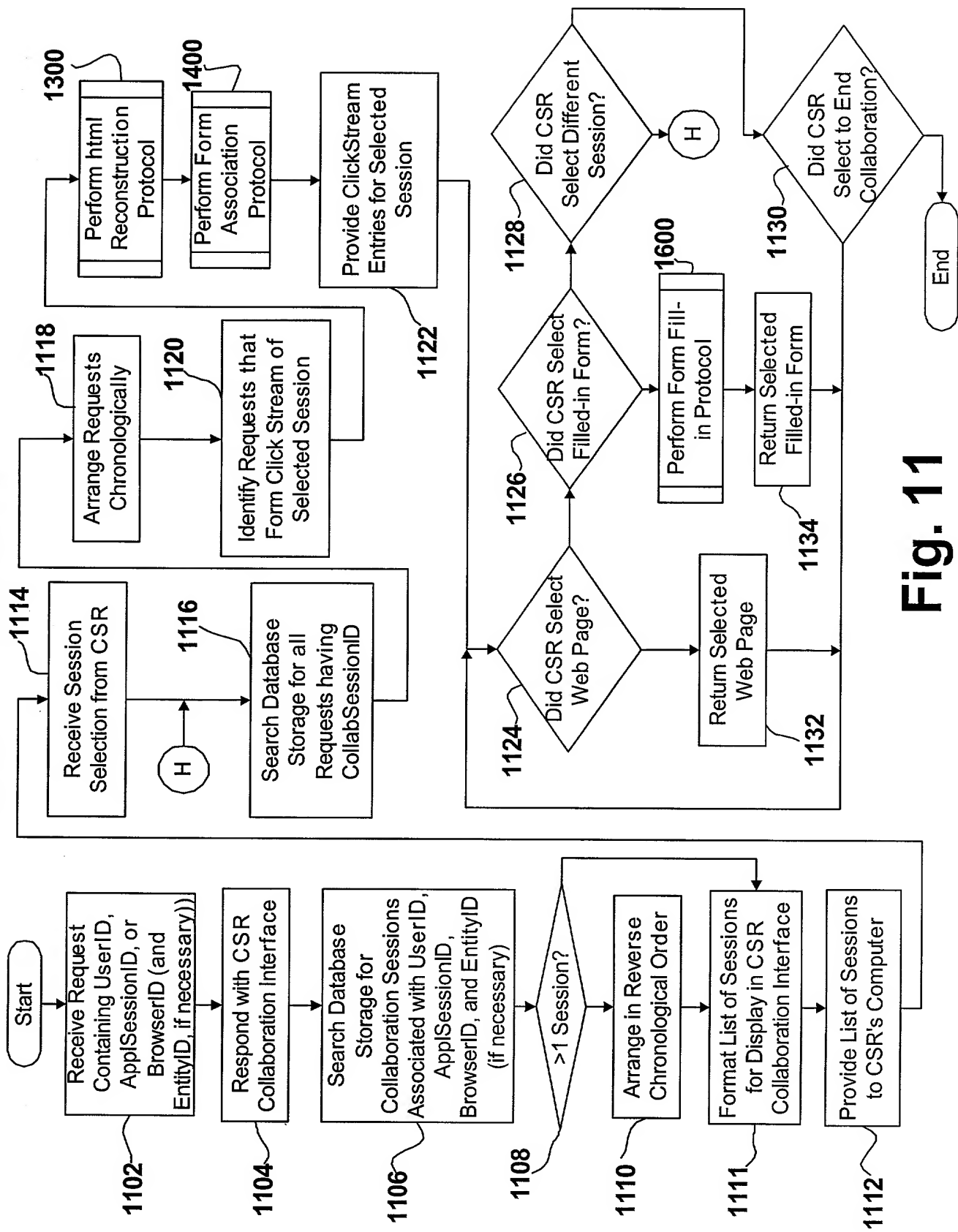
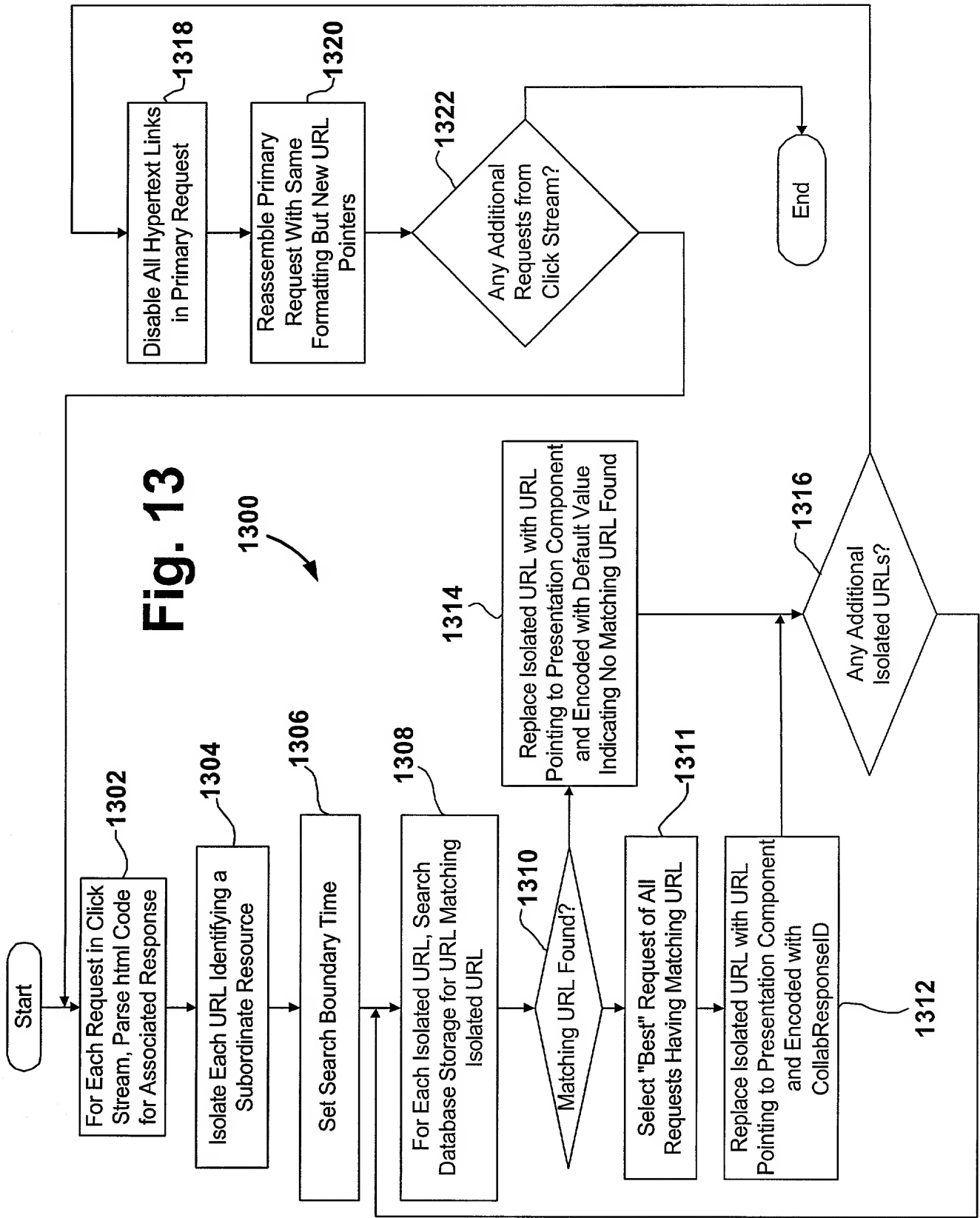


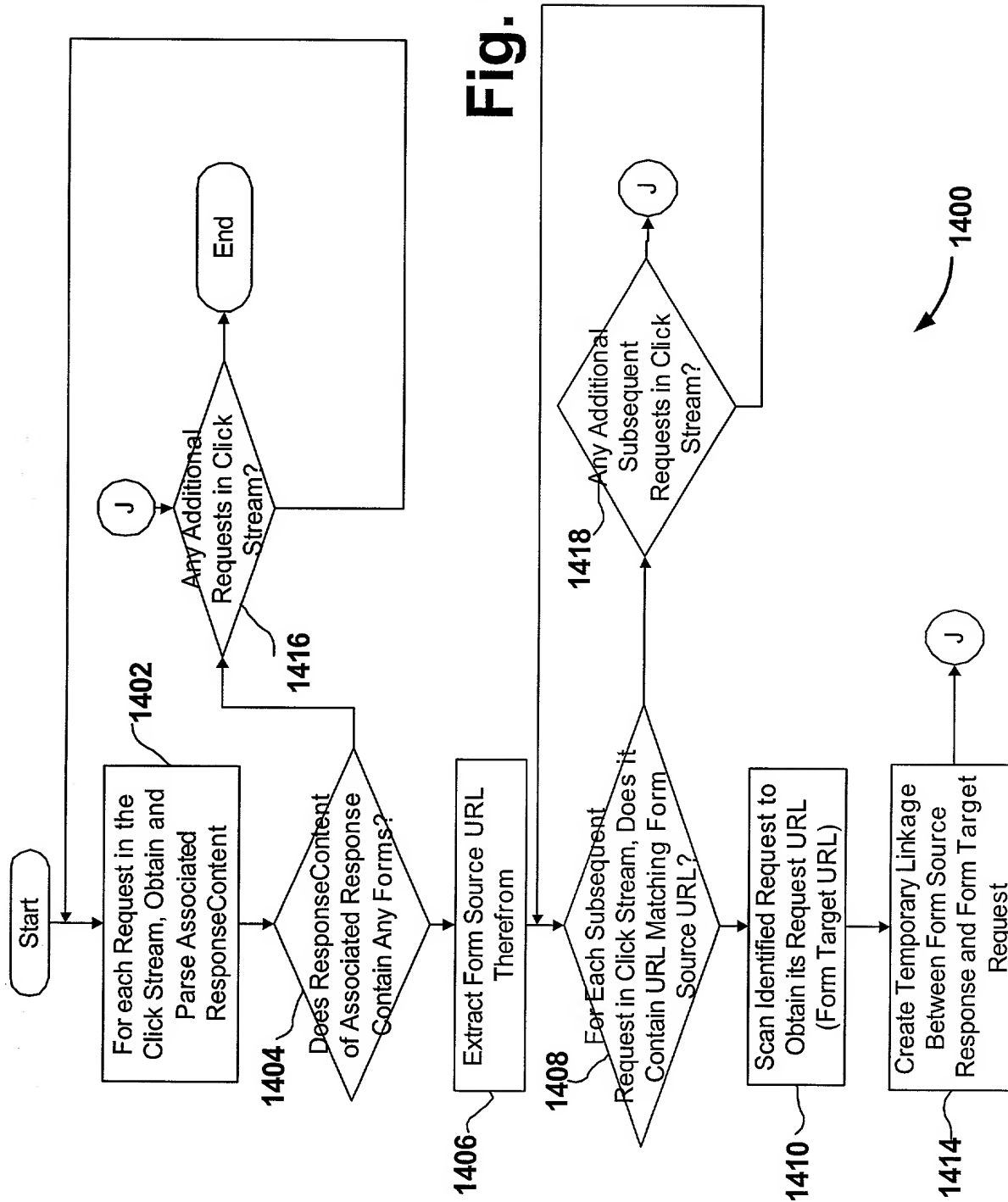
Fig. 11

Single Web Session

	<u>Request</u>	<u>Resources Referenced in Content of Corresponding Response</u>
CS	FirstPage.html	MyStyle.css FirstPic.jpg
	MyStyle.css	
	FirstPic.jpg	
CS	SecondPage.html	MyStyle.css FirstPic.jpg SecondPic.jpg
	SecondPic.jpg	
CS	ThirdPage.html	MyStyle.css FirstPic.jpg SecondPic.jpg
CS	FourthPage.html	

Fig. 12





User Name

John Doe

User ID

12-463-79

ApplSessionID

12-978A-BGN

1504

Web Session Collaboration

1502

Available Web Sessions

Start Date/Time

End Date/Time

1562

MM/DD/YYYY xx:xx:xx	MM/DD/YYYY xx:xx:xx	
MM/DD/YYYY xx:xx:xx	MM/DD/YYYY xx:xx:xx	
MM/DD/YYYY xx:xx:xx	MM/DD/YYYY xx:xx:xx	
MM/DD/YYYY xx:xx:xx	MM/DD/YYYY xx:xx:xx	

1506

1526

Close Window

1508

Fig. 15a

User Name

UserID

AppSessionID

1504

Web Session Collaboration

1502

Available Web Sessions

Start Date/Time	End Date/Time
MM/DD/YYYY xx:xx:xx	MM/DD/YYYY xx:xx:xx
MM/DD/YYYY xx:xx:xx	MM/DD/YYYY xx:xx:xx
Web Site Home Page	
* Application Login Page	
Account Summary	
* Buy Order Form Page	
Confirmation Page	
MM/DD/YYYY xx:xx:xx	MM/DD/YYYY xx:xx:xx
MM/DD/YYYY xx:xx:xx	MM/DD/YYYY xx:xx:xx

1506

1526

Close Window

Fig. 15b

User Name 1542
User ID 1544
AppSessionID 1546

1504

Available Web Sessions

Start Date/Time

End Date/Time

1562

1564

MM/DD/YYYY xx:xx:xx

MM/DD/YYYY xx:xx:xx

MM/DD/YYYY xx:xx:xx

MM/DD/YYYY xx:xx:xx

Web Site Home Page

Application Login Page

Account Summary

Buy Order Form Page

Confirmation Page

1522

1520

MM/DD/YYYY xx:xx:xx

MM/DD/YYYY xx:xx:xx

MM/DD/YYYY xx:xx:xx

MM/DD/YYYY xx:xx:xx

1506

1526

Close Window

Web Session Collaboration

1502

Buy Order Form Page

Enter Stock Symbol

Number of Shares

Price per Share

Expiration Time

Select Payment Method

1530

1508

Fig. 15c

1500

User Name 1542
UserID 1544
AppSessionID 1546
1504

Web Session Collaboration

1502

Available Web Sessions

Start End
Date/Time Date/Time

MM/DD/YYYY xx:xx:xx MM/DD/YYYY xx:xx:xx

MM/DD/YYYY xx:xx:xx MM/DD/YYYY xx:xx:xx

[Web Site Home Page](#)

* [Application Login Page](#)

1522 [Account Summary](#)

* [Buy Order Form Page](#)

1520 [Confirmation Page](#)

MM/DD/YYYY xx:xx:xx MM/DD/YYYY xx:xx:xx

MM/DD/YYYY xx:xx:xx MM/DD/YYYY xx:xx:xx

1506

Buy Order Form Page

Enter Stock Symbol

Number of Shares

Price per Share

Expiration Time 1532

Select Payment Method

1508

Fig. 15d

1500

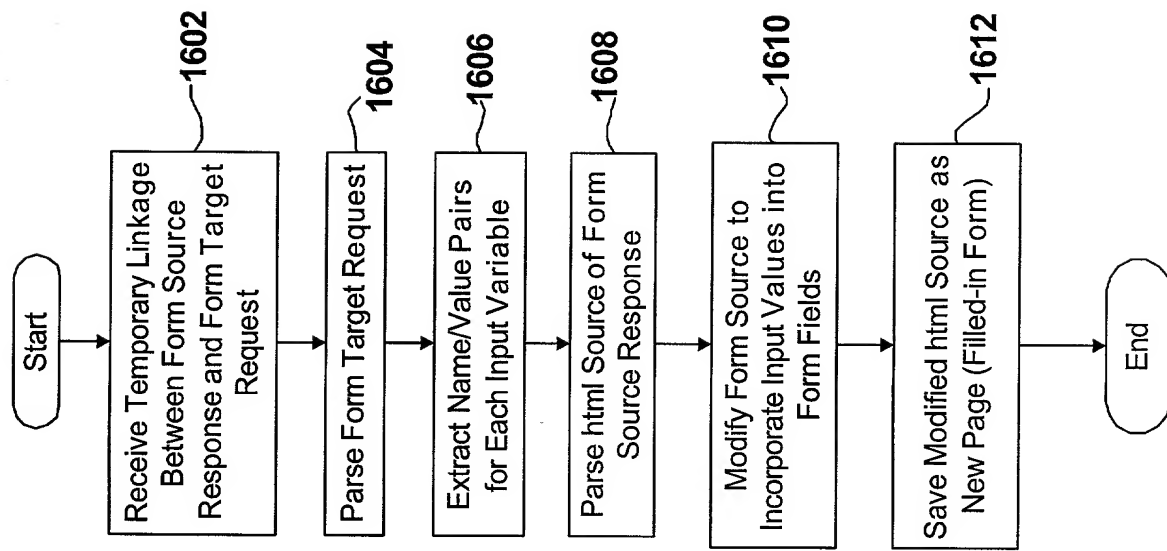


Fig. 16

1600

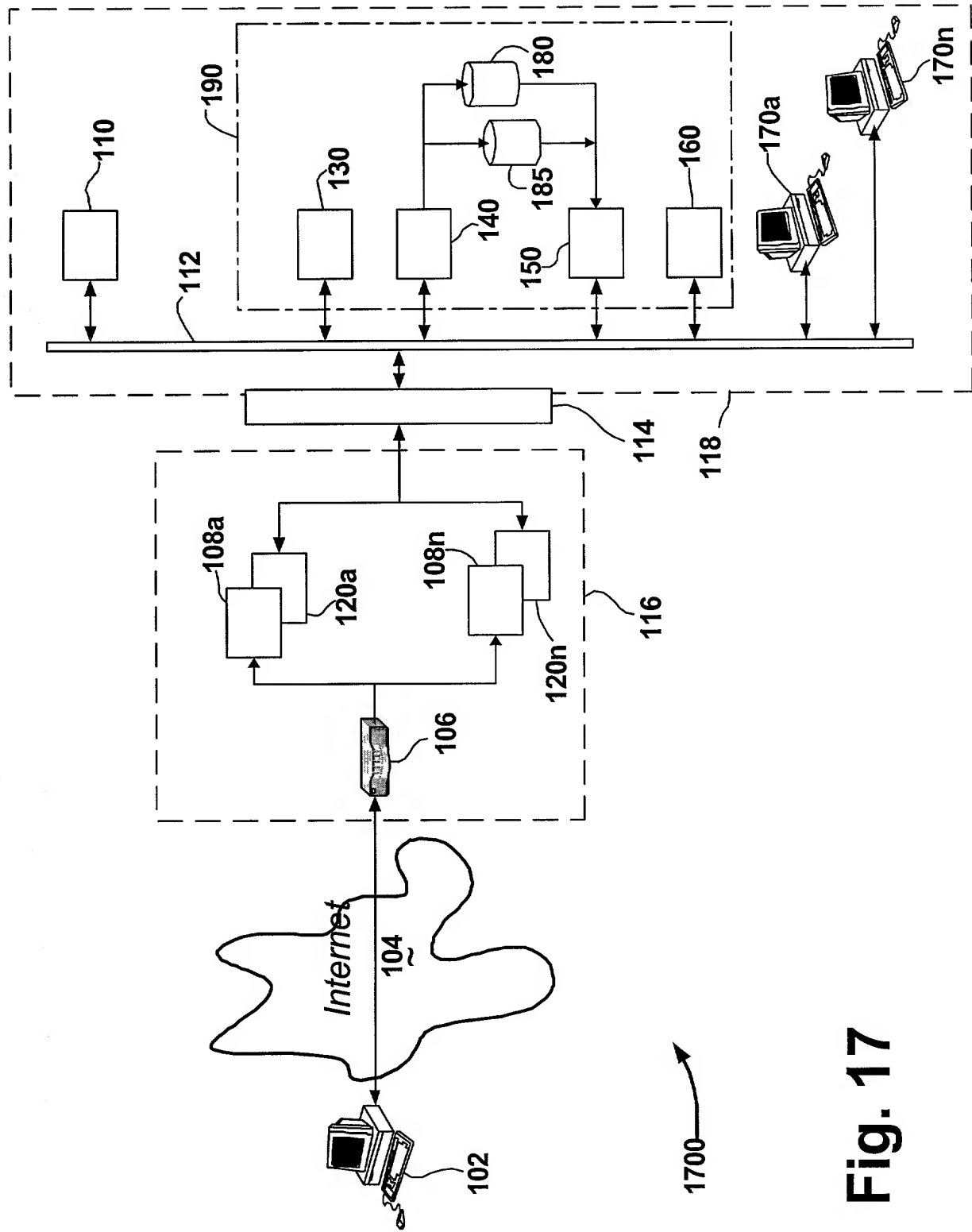
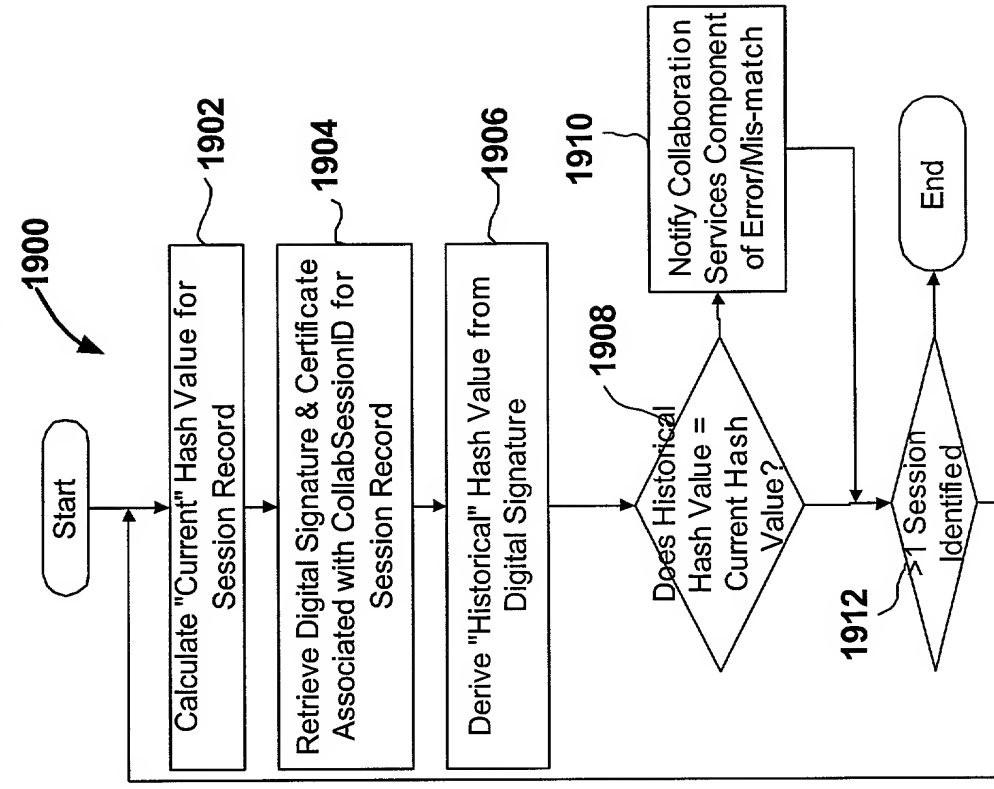


Fig. 17



<div>User Name <input type="text" value="Joe Schmoie"/> 2042</div> <div>User ID <input type="text" value="13-598-JS"/> 2044</div> <div>ApplSessionID <input type="text" value="12-978B-BGN"/> 2046</div> <div>2004</div>		<div><h1>Web Session Customer Playback</h1><div>2002</div></div>	
<div>Current Web Session</div> <div>Start <input type="text" value="2062"/> End <input type="text" value="2064"/></div> <div>Date/Time <input type="text" value="MM/DD/YYYY xx:xx:xx"/> MM/DD/YYYY xx:xx:xx</div> <div>Viewed Web Pages and Form Submissions</div> <div><div>Web Site Home Page</div><div>* Application Login Page</div><div>2022 Account Summary</div><div>* Buy Order Form Page</div><div>2020 Confirmation Page</div></div> <div><div>2006</div><div>2026 <input type="button" value="Close Window"/></div></div>		<div>2010</div> <div>2012</div> <div>2008</div>	
		<div>To confirm accuracy of this web page, Click Here--> <input type="button" value="CONFIRM"/> 2030</div> <div>2000</div>	

Fig. 20

User Name 2042

UserID 2044

ApplSessionID 2046

2004

2028

Web Session Customer Playback

2002

Current Web Session

Start Date/Time	End Date/Time
2062	2064
MM/DD/YYYY xx:xx:xx	MM/DD/YYYY xx:xx:xx

Viewed Web Pages and Form Submissions

2022

2020

2010

2008

2006

2026

Close Window

To "digitally-sign" your confirmation of the accuracy of this web page and to view next web page, Click Here-->

Digital Signature

2040

2000a

Fig. 20a

Fig. 21

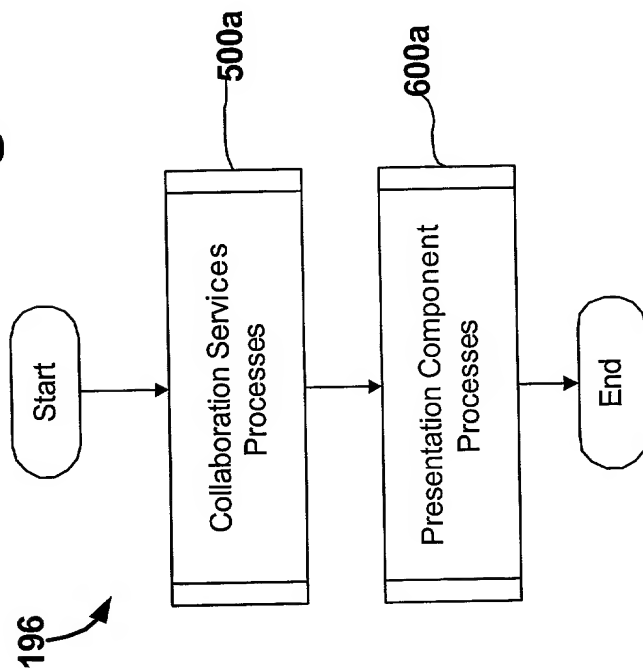
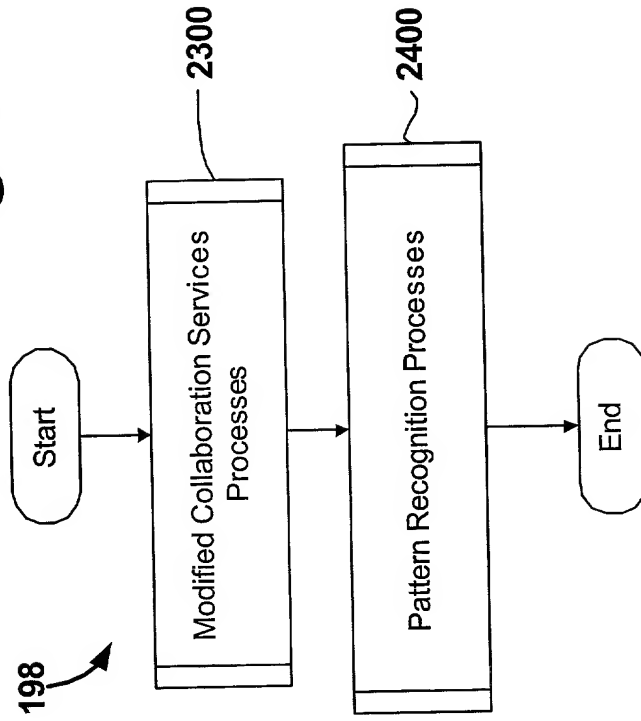


Fig. 22



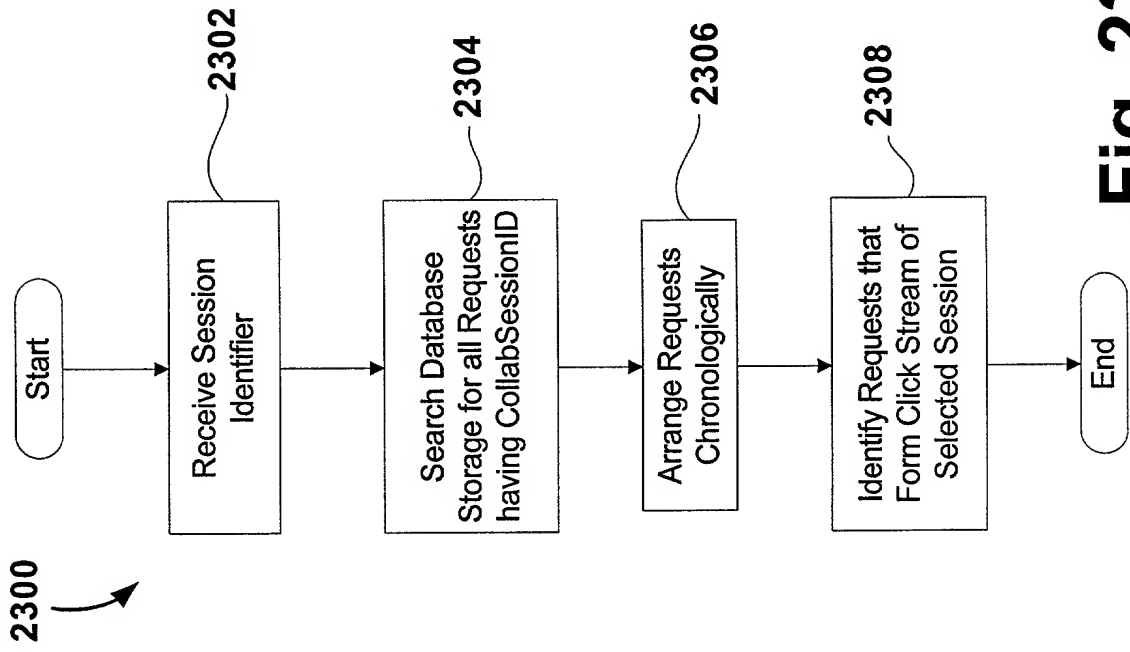


Fig. 23

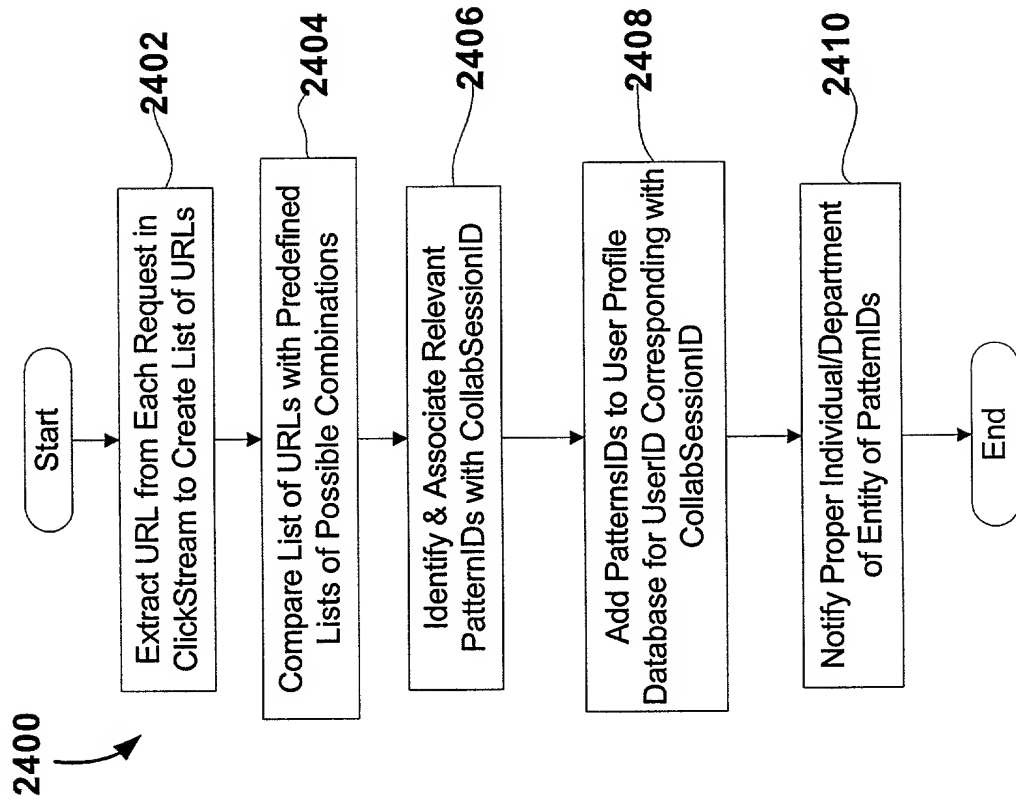


Fig. 24